REQUEST FOR ACTION

To: Mark De Bie, Deputy Director
Waste Permitting, Compliance and Mitigation Division

From: Wes Mindermann
Supervising Waste Management Engineer
Engineering Support Branch

Reviewed By: Steve Levine, Legal Office

Request Date: May 13, 2014

Decision Subject: **APPROVAL FOR THE THIRD AUGMENTATION OF OAKLAND ESTUARY ENHANCEMENT PROJECT, ALAMEDA COUNTY, UNDER THE SOLID WASTE DISPOSAL AND CODISPOSAL SITE CLEANUP PROGRAMS (SOLID WASTE DISPOSAL TRUST FUND, FY 2013/14)**

Action By: May 13, 2014

Summary of Request:
Staff requests approval of $90,000 from the Solid Waste Disposal and Codisposal Site Cleanup Program (Program) to augment the ongoing Department-managed cleanup project to remove the stern of the former tug Respect currently at the United States Army Corp of Engineer (USACE) dock in Sausalito, CA. The tug was brought to the USACE for final deconstruction from the Oakland Estuary Project. These funds augment the Request for Action for the Oakland Estuary Enhancement Project and National Fish and Wildlife Foundation (NWFF) Grant, and the additional Requests for Action for the Augmentation of Oakland Estuary Enhancement Project. These funds will be used to raise the stern in sections and complete the estuary project.

Recommendation:
CalRecycle staff recommends approving the $90,000 augmentation of the project in the Oakland Estuary.

Deputy Director Action:
On the basis of the information and analysis in this Request for Action and the findings set out herein, I hereby approve this project under the Solid Waste Disposal and Codisposal Site Cleanup Program.

Dated: 5/13/14

Mark De Bie, Deputy Director
Waste Permitting, Compliance and Mitigation Division

Proposed Pilot Project Scope of Work:

The background and findings for the Oakland Estuary Enhancement Project are described in detail in the previously approved August 7, 2013 Request for Action. These requested funds will be used to augment and complete the previously approved Oakland Estuary Project and the removal of the disposal site consisting of the sunken vessel named the Respect. The removal and salvage of the Respect was estimated at $130,000 in the February 13, 2014, Request for Action for the Augmentation of Oakland Estuary Project. Costs to complete the vessel salvage escalated significantly when a large amount of unanticipated bunker fuel and asbestos were found in the boiler room. Oil and asbestos were supposed to have been remediated by the USCG when raising the vessel, but were in areas not readily visible and accessible to them. Removing the bunker oil cost $45,000 and we are seeking reimbursement for that work. There were also several equipment failures of the mechanical shears in cutting up this vessel as the steel thicknesses was at or exceeded the limits of the shears. During the removal of the last bulkhead the stern and keel became wedged on the edge of the concrete ramp, preventing it from being dragged up the boat ramp with on-site equipment as planned.

An April 15, 2014, Request for Action for the Second Augmentation of Oakland Estuary Project augmented the project budget by $130,000 to cover the costs of the asbestos removal, bunker oil, and rent a crane to assist in lifting the remainder of the vessel out of the water. We cut several pieces of the remaining hull off using underwater divers to remove sections we thought were hung up on the end of the boat ramp. Although we performed calculations of the weight of the remainder of the vessel, the 90-ton barge crane was unable to lift the last 28 feet of the vessel off the ramp.

This Request for Action for the Third Augmentation of Oakland Estuary Project is for $90,000 and covers 6 days of working time for divers to use cutting torches and cut the remainder of the vessel into 20 ton sections. A barge mounted crane will support the hull sections during the cutting operation and will then lift each of the pieces onto land where they can be further reduced in size. The estimate is for four days of work at a cost or $65,000 and has a contingency of $25,000, or 40%, to cover two additional working days if needed, for a total request of $90,000. The funds are unmatched and will not have an impact to the NWFF Grant.

Throughout the project, the project managers for CalRecycle, the USEPA, and USCG have divided tasks between agencies, including adjustments to the tasking as additional resources have been identified. The original CalRecycle budget of $1.3 million was augmented in the February Request for Action, and by a second augmentation in the April Request for Action. Augmenting the budget a third time by an additional $90,000 would bring the total augmentation to $350,000, which is a 27% over the original project budget and a 54% increase over the originally budgeted project funds coming from the CalRecycle managed Solid Waste Disposal Trust Fund. This additional funding would allow CalRecycle to complete the Oakland Estuary Enhancement Project and continue the successful cooperative working relationship with the USEPA and USCG. To date the USEPA and USCG have expended over $7.4 million dollars in removing vessels from this estuary project. CalRecycle is additionally preparing a claim for approximately

$45,000 for the oil removal on the Respect to the National Pollution Fund Center for reimbursement.

To date CalRecycle's role in the project includes the removal of disposal sites including 58 sites containing vessels, four sites containing docks, nine sites containing marine debris, and debris from two shoreline disposal sites. CalRecycle has operated primarily in the role of performing the demolition, recycling, and disposal of the aforementioned non-hazardous marine debris. A total of 365 tons of metal has been recycled and over 1150 tons of debris has been removed from the estuary. The USEPA as removed 17,700 lbs of asbestos containing material, 3,270 lbs of waste paint and related material, 1,000 gallons of flammable liquids, 120 lbs of toxic liquid, 33 yards of Non-RCRA debris, 32 units of explosives (marine flares), 29 units of marine batteries, 50 gallons of waste oil, and 1,700 yards of California Hazardous Waste.

Fiscal Impacts:

The Department-managed project will be performed on a time-and-materials basis under the Program's Northern California remediation contract (DRR12034). The Program's contractor has completed a majority of the project and is currently processing the last vessel. CalRecycle's remediation contract for Northern California currently has approximately $90,000 in available funds to cover the $90,000 to complete the removal of the Respect.